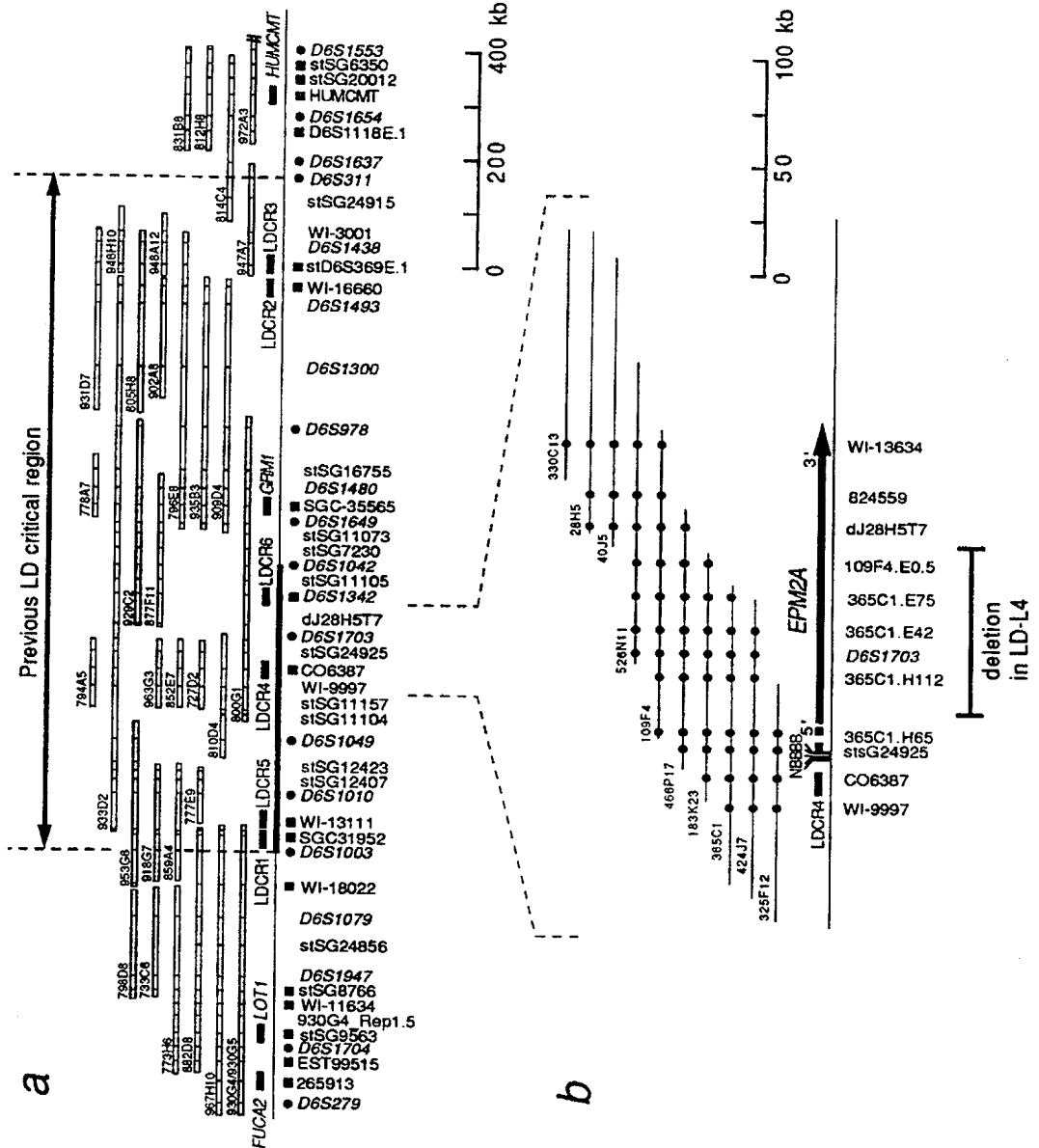
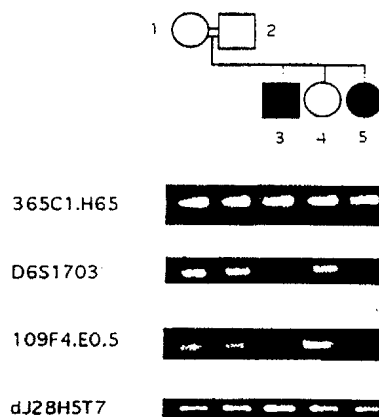
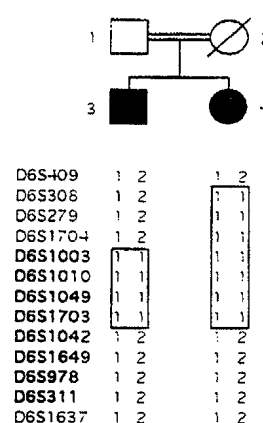


FIGURE 1

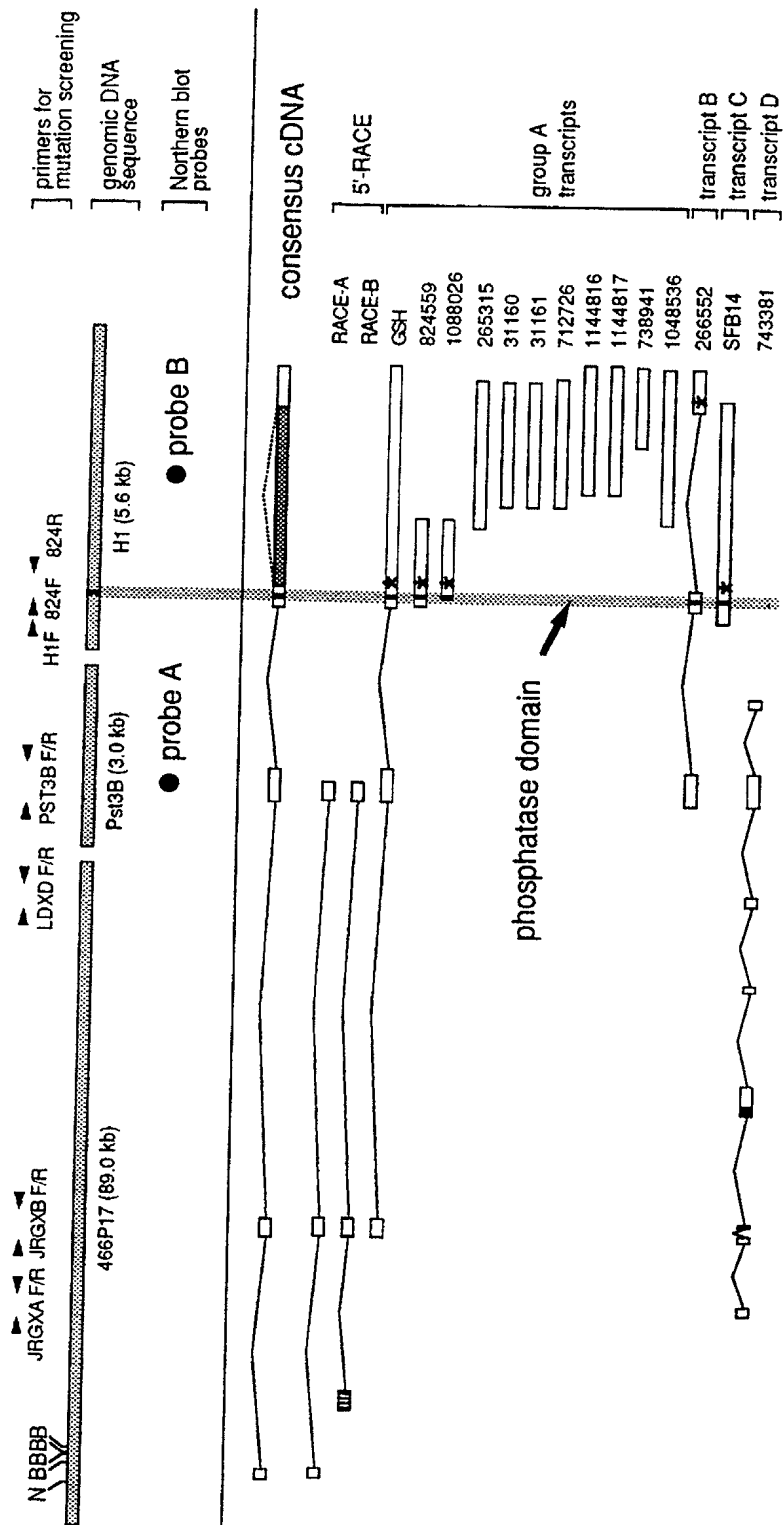


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FIGURE 2

a**b**

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FIGURE 3

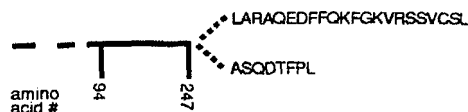


4/17 FIGURE 4

a

1 GGTGGAGCTGGCGGCGGAGGAGGCGGCGCAGGACGGGGCGGAGCGGGCGCGGTGGACAC
1 V E L A A E E A A Q D G A E P G R V D T
61 GTTCTGGTACAAGTTCCTGAAGCGGGAGCGGGAGGAGAGCTCTCTGGGAAGSCAATGG
21 F W Y K F L K R E P G G E L S W E G N G
121 ACCTCATCATGACCGTTGCTGTACTTACAATGAAAACAACCTGGTGGATGGTGTGTATTG
41 F H H D R C C T Y N E N N L V D G V Y C
C (LD5) T (polymorphism)
181 TCTCCCAATAGGACACTGGATTGAGGCCACTGGACACACCAATGAAATGAAGCACACAAC
61 L P I G H W I E A T G H T N E M K H T T
(I-22) *
241 AGACTTCTATTTTAAATATTGCAGGCCACCAAGCCATGCATTATTCAAGAATTCTACCAA
81 D F Y F N I A G H Q A M H Y S R I L P N
301 TATCTGGCTGGGTAGCTGCCCTCGACAGGTGGAACATGTTACCATCAAACCTGAAGCATGA
101 I W L G S C P R Q V E H V T I K L K H E
361 ATTGGGGATTACAGCTGTCAATTTCCAGACTGAATGGGATATTGTTTCAGAATTCCTC
121 L G I T A V M N F Q T E W D I V Q N S S
421 ATGCTGTAACCGCTACCCAGAGCCATGACTCCAGACACTATGATTAAACTATCTAGGGA
141 C C N R Y P E P M T P D T M I K L S R E
481 AGAAGGCTTGGCCTACATCTGGATGCCAACACCCAGATATGAGCACCAGCGAGCGGAGTACA
161 E G L A Y I W M F T P D M S T A G R V Q
(6 families) *
541 GATGCTGCCCCAGGCGGTGTGCTGCTGCATGCGCTGCTGGAGAAGGGACACATCGTGT
181 M L P Q A V C L L H A L L E K G H I V Y
A insertion (LD100)
601 CGTGCCTGCAACGCTGGGGTGGGCGCTCCACCGCGGTGTCTGGCGGTGGCTCCAGTA
201 V H C N A G V G R S T A A V C G W L Q Y
S (L6)
661 TGTGATGGGCTGGAATCTGAGGAAGGTGCAGTATTTCTCATGGCCAAGAGGCGCGGTGT
221 V M G W N L R K V Q Y F L M A K R P A V
L (LD33)
721 CTACATTGACGAAGAGGCGTTGGCCCGGACCAAGAAGATTTTTCAGAAATTTGGGAA
241 Y I D E E A L A R A Q E D F F Q K F G K
781 GGTTCGTTCTCTGTGTGTAGCCTGTAGctggctcagcctgcttctgccccctcctgattt
261 V R S S V C S L *
841 ccctaaggagcctgggagtgatgttgggtcaaatgacctagaaacaaggatttctacctgaac
901 tgaaggagactgtgtgacctcccccaagccaaccactttcacctgggatgactttcgaltat
961 gcttttgggttggggtgtatttttgaataactctacaagaaagctgtggctcaacacatg
1021 agaagaagcacgaagcagtttaggtgtacatcagacagaagggtaatgcgtgcagttcct
1081 gctgctgcagcagcagcagggccttggctttacagcactgtatgtgttcacagatggatc
1141 cgtgacagcactttcctgttgcaactgaaactcctggccatgtagaggaaaagatcggag
1201 tcatgtggattttcatcactagttatgtgtgctgagctggctcagttgccaaaggaggaaa
1261 taagggttagaagcctgaaccgtttacaaaagaagagctcactatgggtcaaaaagtgtggc
1321 tttcaggacttgttttttctcctgctcacagttgttaaagctgtttccaaggcctcacc
1381 ttccttctctacccaacaaccctgtgttaacaactaaagtagaattatctctcattgttg
1441 ggggtttttctcctcaaaataccaaaacaaagcaaaaaataccctgttttttatagttgag
1501 atgtcaaggaaagtttaattgaggcttaataagcataggtagcttgcgaaggtctcatga
1561 ccagtcgaagggaagctggagtttaataatctatatatttttactcagcactgttttcat
1621 cacaacttgttttccagcactcatgtatgtgactttagttttgtcttctcagggatagtt
1681 caatatgctgctgcaggagtttcttatagcgagacatagaatagttattctgatcagttgcca
1741 agaactcaggaaatagttgtattttgtgcaagcctaatttaaaaacatgatgggctgttt
1801 taagaccagagttggaatctcatgagaggaactatactacaaaagagcccaaatgacca
1861 atccatggataaattgcttcacagccttggccatcctggctcagctctcaatttagtataa
1921 tatgcagttcctgtgctcagactatgcagctcatcaccctaggtttctacaggaataac
1981 agagatgaacaactttgcttcaaaaaatgtgctgctcagaaaacagacctgcatcttcaa
2041 cccaactgtaatgcaggatttggaccatgaatgatatgctagaatagaagaagagaagt
2101 gtttttttaattgagagcctctatgtgcaagggtgatataaatcatatccagtttaactc
2161 tcacaatctccaatgaagaaggtctcattatctccatgataaagatggggaaactaaggt
2221 cagaagggttaactcaactgtctattgtcacatgatgaataaataagatgaagtgagatac
2281 aaagctgggtttgattcaaaagccttactttcctaataaactatgatgcgtatttattt
2341 tctcgcaccttcttcttccacaacacatattgatagatgcaagagactctatttct
2401 aaggcgtgggggacaagaaggtacaaaggttaagtttcagtgaggctcagaggacggggag
2461 atagaactgtggcacttaggggagatgacatttgccttgggagaggagctagccaggga
2521 cacatttccactataattttacaaagtttaattataaagctagcattaaagtaagtgag
2581 tccagctcccttgcataaaataactagaggttaataattgggtattcaggttaactcatttac
2641 agtcataatgtgttggtaaaatttaactttaaataatttaatttttaaaactatgtgggtct
2701 gtgaatttctttaaattgtcagaagaatccagcttcataatttccatgatcaaaagactctt
2761 tttcaggtggatttttaccttgttcttcttctgtctgatagacaaaatcagtttaggact
2821 attaaagaatgttttggatgaagctgttcttctcctcaatgaatgggagtgctaatgtat
2881 ttcaaaatcacccaaaatrrrrggcaaaaagcatttataaaagaaaaa

b

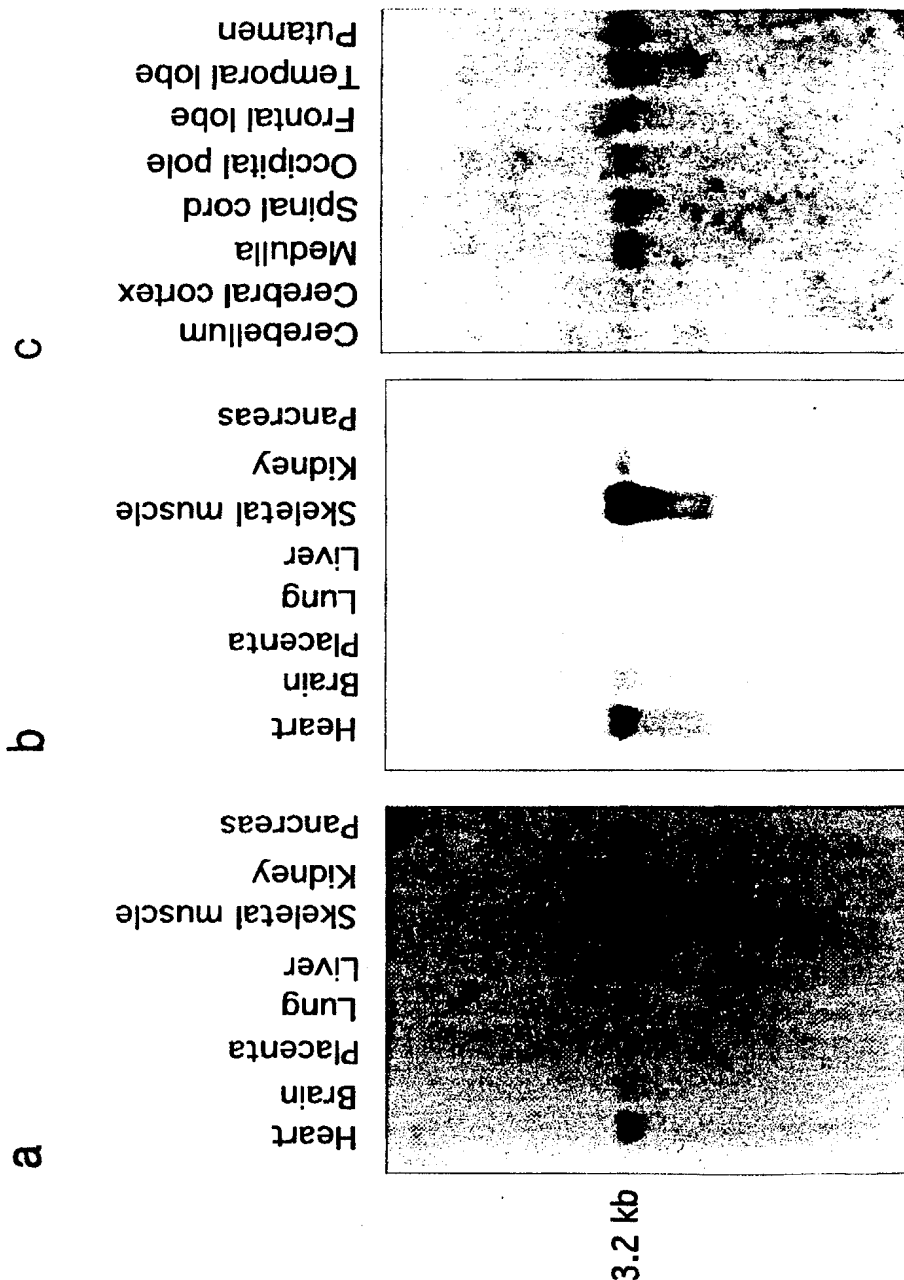


c

LD1 VHCNAGVGRST
MTM1 VHCSDGWDRTA
PTEN IHCKAGKGRTG
PTP1B VHCNAGIGRSG
dPTP61F VHCNAGIGRSG
virus VHCQAGISRBA

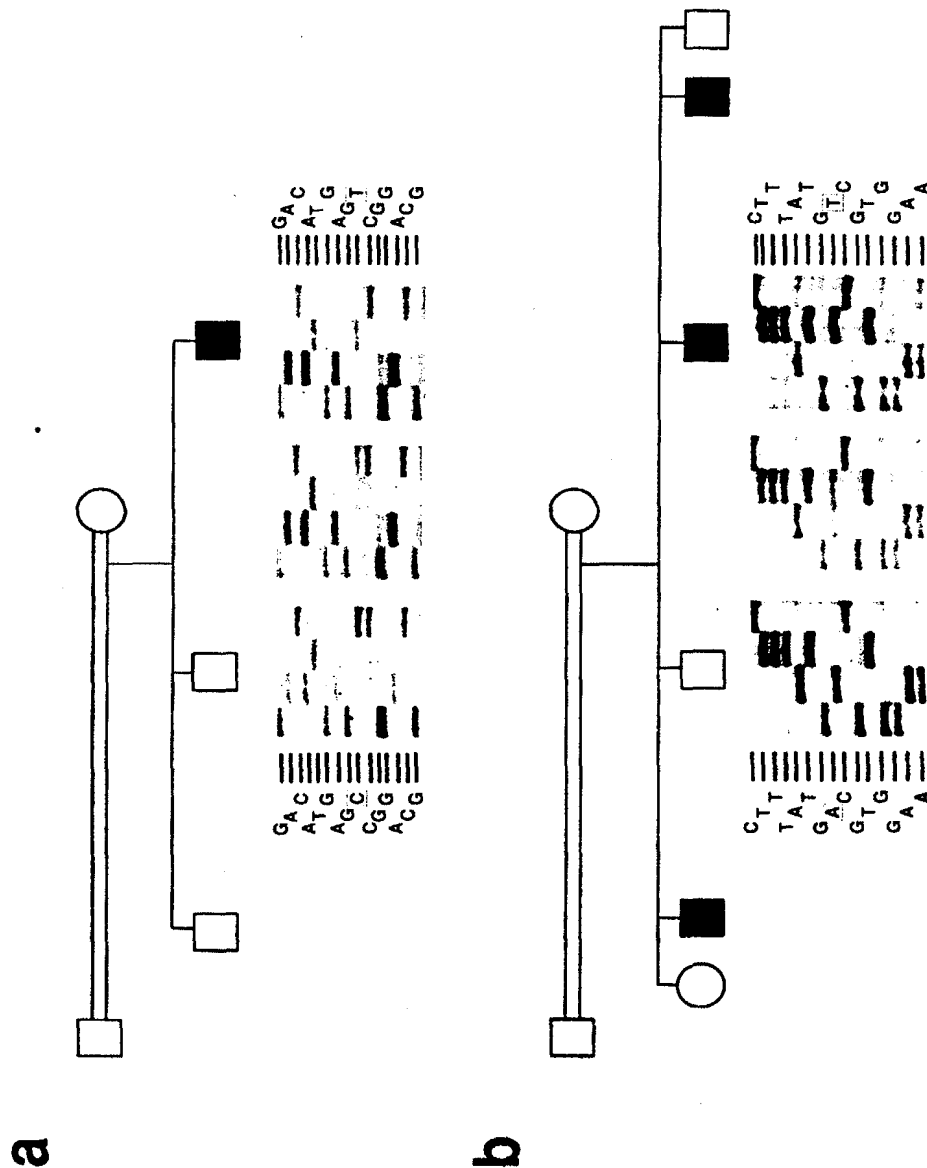
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FIGURE 5



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FIGURE 6



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FIGURE 7 (P1)

LDA

LDA.seq Length: 2940 July 16, 1998 10:34 Type: N Check: 4100 ..

1 GGTGGAGCTG GCGGCCGAGG AGGCGGCGCA GGACGGGGCG GAGCCGGGCC
51 GCGTGGACAC GTTCTGGTAC AAGTTCCTGA AGCGGGAGCC GGGAGGAGAG
101 CTCTCCTGGG AAGGCAATGG ACCTCATCAT GACCGTTGCT GTACTTACAA
151 TGAAAACAAC TTGGTGGATG GTGTGTATTG TCTCCCAATA GGACACTGGA
201 TTGAGGCCAC TGGACACACC AATGAAATGA AGCACACAAC AGACTTCTAT
251 TTTAATATTG CAGGCCACCA AGCCATGCAT TATTCAAGAA TTCTACCAAA
301 TATCTGGCTG GGTAGCTGCC CTCGACAGGT GGAACATGTT ACCATCAAAC
351 TGAAGCATGA ATTGGGGATT ACAGCTGTCA TGAATTTCCA GACTGAATGG
401 GATATTGTTC AGAATTCCTC ATGCTGTAAC CGCTACCCAG AGCCCATGAC
451 TCCAGACACT ATGATTAAAC TATCTAGGGA AGAAGGCTTG GCCTACATCT
501 GGATGCCAAC ACCAGATATG AGCACCGCAG GCCGAGTACA GATGCTGCCC
551 CAGGCGGTGT GCCTGCTGCA TGCCTGCTG GAGAAGGGAC ACATCGTGTA
601 CGTGCACTGC AACGCTGGGG TGGGCCGCTC CACCGCGGCT GTCTGCGGCT
651 GGCTCCAGTA TGTGATGGGC TGGAATCTGA GGAAGGTGCA GTATTTCTC
701 ATGGCCAAGA GGCCGGCTGT CTACATTGAC GAAGAGGCCT TGGCCCGGGC
751 ACAAGAAGAT TTTTCCAGA AATTTGGGAA GGTTCTGTTCT TCTGTGTGTA
801 GCCTGTAGCT GGTCAGCCTG CTTCTGCCCC CTCCTGATTT CCCTAAGGAG
851 CCTGGGATGA TGTTGGTCAA ATGACCTAGA AACAAGGATT CTACCTGAAC
901 TGAAAGGACT GTGTGACCTC CCCAAGCCAA CCACTTTTAC CTGGGATGAC
951 TTTCGATTAT GCTTTGGTTT GGGGCTGTAT TTTTGAAATA CTCTACAAGA
1001 AAGCTGTGGC TCAACACATG AGAAGAAGCA CGAAGCAGTT AGGCTGTACA
1051 TCAGACAGAA GGGTAATGCG TGCAGTTCCT GCTGCCTGCA GGCAGACGAG
1101 GCCTTTGCTT TACAGCACTG TATGTGTTGC ACGATGGATC CGTGACAGCA
1151 CTTTCCTGTT GCACTGAAAC TCTTGCCAT GTAGAGGAAA AGATATGGAG
1201 TTATGTGGAT TTCATCACTA GTATGTGTGC CGTGAGCTGG TCAGTTGCCA
1251 AAGGAGGAAA TAAGGTTAGA AGCCTGAACC GTTACAAAAG AAGAGCTCAC

FIGURE 7 (P2)

1301 TATGGTCAAA AAGTGATGGC TTCAGGACT TGTTTTTTAT CCTGCCTCAC
1351 AGTTGTAAAA GTCTGTTCCA AGGCATCACC TTCCTTCTCT ACCCAACAAC
1401 CCTGTGTAAC AACTAAAGTA GAATTATCTC TCATTTGTTG GTGGTTTTTC
1451 CTCAAAATTA CCAAACAAAG CAAAAAATAC CCTTGTTTTT TATAGTTGAG
1501 ATGTCAAGGA AGTTAAATTG AGGCTTAATG AGCATAGGTA GCTTGTCCAA
1551 GGTCTCATGA CCAGTCAAGG GCAAGCTGGA GTTAATAATC TATATTTATT
1601 TGA CTCAGCA CTGTTTTCAT CACAACCTGT TTTCCCAGCA TCATGTAGTG
1651 CATTTAGTTT TGTCTTTCTC AGGGTATAGT CAATATGCCT GCAGGAGTTT
1701 CTATAGCGAG ACATAGAATA GTATTCTGAT CAGTTGCCAA AGAATCTAGG
1751 AAATTAGTTG TATTTTGTGC AAGCTAATT AAAAACATGA TGGGCTGTTT
1801 TAAGACCAGA GTGGAAATTC ATGAGAGGAA CTATACTACC AAAAGAGCCC
1851 AAATGACCAA ATCCATGGAT AATTGCTTCA CAGCCTTGGC CATCCTGGCT
1901 CAGCTCTCAA TTTAGTATAA TATGCAGTTC CTGTGCCTCC AGACTATGCA
1951 GCTCATCACC CTAGGTTCTA CAGGAAATAC AGAGATGAAC AACTTTGCCT
2001 TCAAAAAATG TGCTGCCTAG AAAACAGACC TGCATTTCAA CCCAACTGTA
2051 ATGCAGGATT TGGACCATGA ATGATATGCT AGAATAGAAG AAAGAGAAGT
2101 GTTTTTTTAA TTGAGAGCCT CTATGTGCAA GGTGATATAT AATCATATCC
2151 AGTTTAATCT TCACAATATC CAATGAAGAA GGTCTCATT TCTCCATGAT
2201 AAAGATGGGG AAATAAGGT CAGAAGGGTT AACTCAACTG TCTATTGTCA
2251 CATGATGAAT AAATAGATGA AGTGAGATAC AAAGCTGGGT TTGATTCAAA
2301 GCCCTTACTT TCCTAATTAA ACTATGATGC GTATTTATTT TTCTGCACCT
2351 TCCTTTCTTC CACAAACACA TATTGATAGA TGCAAGAGAC TCTTATTTAT
2401 AAGGCGTGGG GGACAAGAAG GATACAAGGT AAGTTTCAGT GGAGCTCAGA
2451 GGACGGGGAG ATAGAACTGT GGCACCTAGG GGAGATGACA TTTGCTTTGG
2501 GCAGAGGCAG CTAGCCAGGA CACATTTCCA CTATAATTTT ACAAAGTTAA
2551 ATTTATAAGC TAGCATTAAAG TAAAGTGAAG TCCAGCTCCC TTGCTAAAAA
2601 TAACTAGAGG TAATAATTGG TATTCAGGTA ACTCATTTAC AGTCATAATG
2651 TGTTGTGAAA ATTTAATCTT AAAAATTAAA TTTTAAACT ATGTGGGTCT

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FIGURE 7 (P3)

2701 GTGAATTTCT TTAATGTCTA AGAAATCCAG CTTCATAATT TCCATGATAC
2751 AAAGATCTTT TTTCAGGTGG ATTTTACCT TTGTTCTTT TGCTCTGATA
2801 GACAAAATCA GTTTAGGACT ATTAAAGAAT GTTTTGGAAT AAACGTGTCTT
2851 TTTCCTCAAT GAATGGGATG TCTAATGTAT TTCAAAATCA CCCAAAACCTT
2901 TTGGCAAATA AAAGCATTTA AAAAGAAAAA AAAAAAAAAA

09744072

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FIGURE 8

LDA.pep Length: 268 July 16, 1998 10:33 Type: P Check: 9839 ..

1 VELAAEEAAQ DGAEPGRVDT FWYKFLKREP GGELSWEGNG PHHDCCTYN
51 ENNLVDGVYC LPIGHWIEAT GHTNEMKHTT DFYFNIAGHQ AMHYSRILPN
101 IWLGSCPRQV EHVTIKLEHE LGITAVMNFQ TEWDIVQNSS CCNRYPEPMT
151 PDTMIKLSRE EGLAYIWMPT PDMSTAGRVQ MLPQAVCLLH ALLEKGHIVY
201 VHCNAGVGRS TAAVCGWLQY VMGWNLRKVQ YFLMAKRPAV YIDEEALARA
251 QEDFFQKFGK VRSSVCSL

09744072.078301

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FIGURE 9

LDB.seq Length: 915 July 16, 1998 10:34 Type: N Check: 2239 ..

1 CCAAGAATCG GCACGAGGAT TATTCAAGAA TTCTACCAA TATCTGGCTG
51 GGTAGCTGCC CTCGACAGGT GGAACATGTT ACCATCAAAC TGAAGCATGA
101 ATTGGGGATT ACAGCTGTCA TGAATTTCCA GACTGAATGG GATATTGTTC
151 AGAATTCCTC ATGCTGTAAC CGCTACCCAG AGCCCATGAC TCCAGACACT
201 ATGATTAAAC TATCTAGGGA AGAAGGCTTG GCCTACATCT GGATGCCAAC
251 ACCAGATATG AGCACCGCAG GCCGAGTACA GATGCTGCCC CAGGCGGTGT
301 GCCTGCTGCA TGCCTGCTG GAGAAGGGAC ACATCGTGTA CGTGCACTGC
351 AACGCTGGGG TGGGCCGCTC CACCGCGGCT GTCTGCGGCT GGCTCCAGTA
401 TGTGATGGGC TGGAATCTGA GGAAGGTGCA GTATTTCTC ATGGCCAAGA
451 GGCCGGCTGT CTACATTGAC GAAGAGGCAG CTAGCCAGGA CACATTTCCA
501 CTATAATTTT ACAAAGTTAA ATTTATAAGC TAGCATTAA TAAAGTGAAG
551 TCCAGCTCCC TTGCTAAAAA TAACTAGAGG TAATAATTGG TATTCAGGTA
601 ACTCATTTAC AGTCATAATG TGTTGTGAAA ATTTAATCTT AAAAATTAAA
651 TTTTAAACT ATGTGGGTCT GTGAATTTCT TTAATGTCTA AGAAATCCAG
701 CTTCATAATT TCCATGATAC AAAGATCTTT TTTCAGGTGG ATTTTACCT
751 TTGTTCTTT TGCTCTGATA GACAAAATCA GTTTAGGACT ATTAAAGAAT
801 GTTTTGGAAT AAAGTGTCTT TTCTCTCAAT GAATGGGATG TCTAATGTAT
851 TTCAAAATCA CCCAAAACCT TTGGCAAATA AAAGCATTTA AAAAGAAAAA
901 AAAAAAAAAA AAAAA

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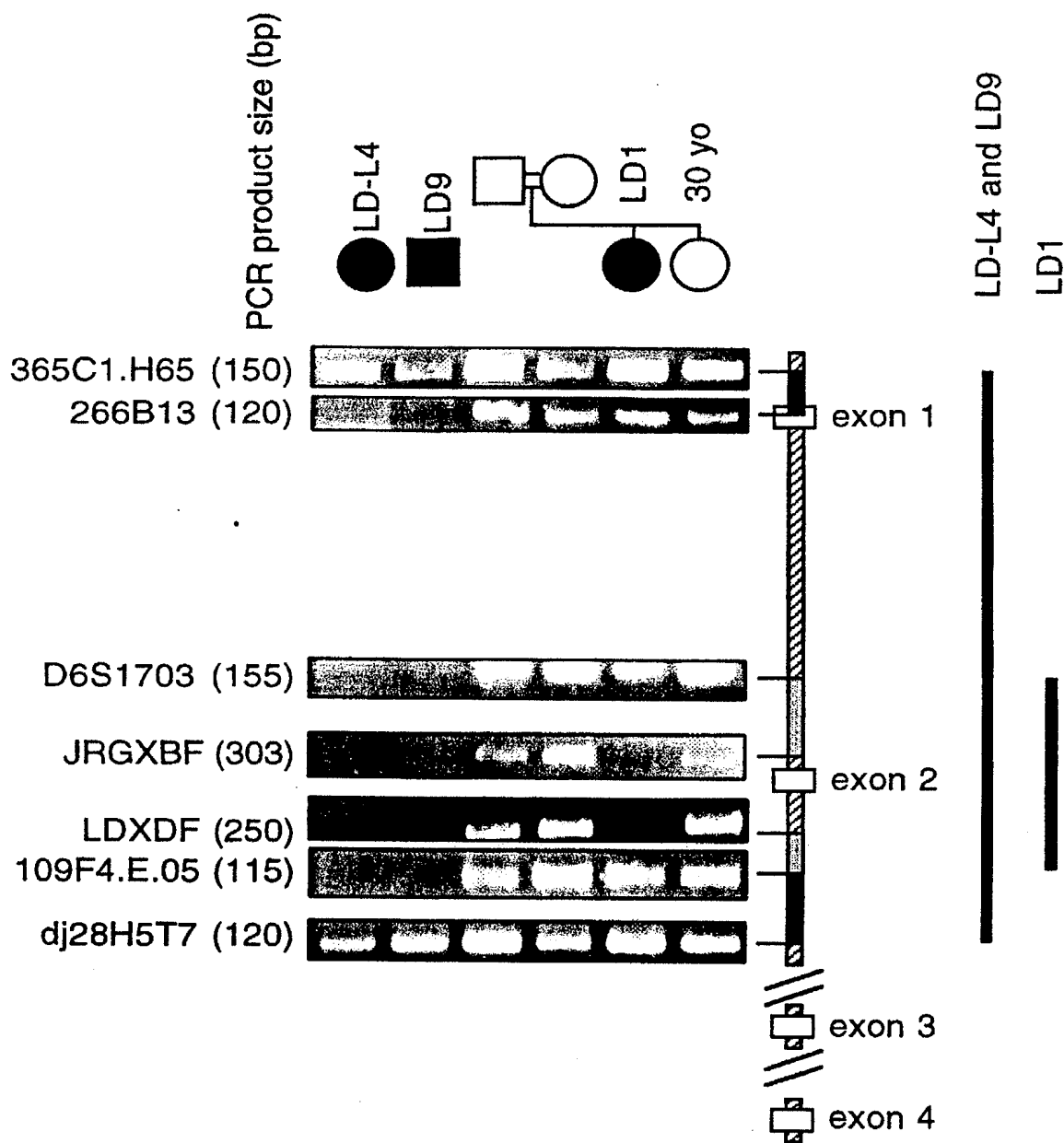
FIGURE 10

LDB.pep Length: 167 July 16, 1998 10:34 Type: P Check: 3130 ..

1 KNRHEDYSRI LPNIWLGSCP RQVEHVTIKL KHELGITAVM NFQTEWDIVQ
51 NSSCCNRYPE PMTPDTMIKL SREEGLAYIW MPTPDMSTAG RVQMLPQAVC
101 LLHALLEKGH IVYVHCNAGV GRSTAAVCGW LQYVMGWNLR KVQYFLMAKR
151 PAVYIDEEAA SQDTFPL

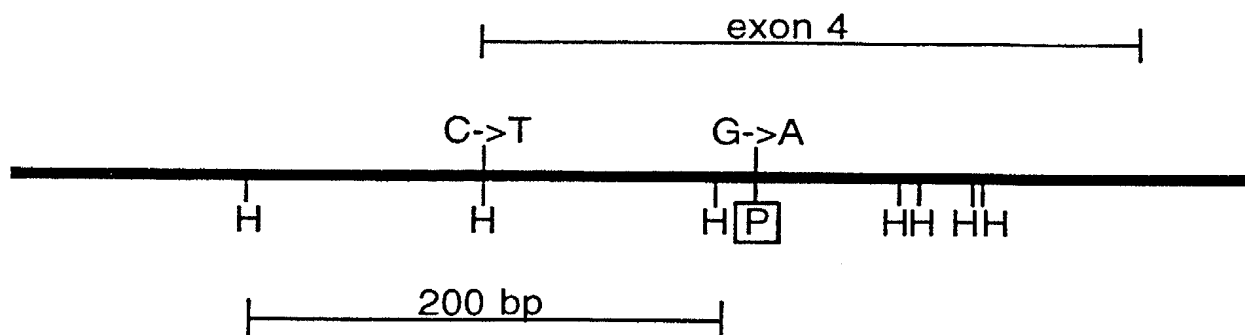
09/744072

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FIGURE 11

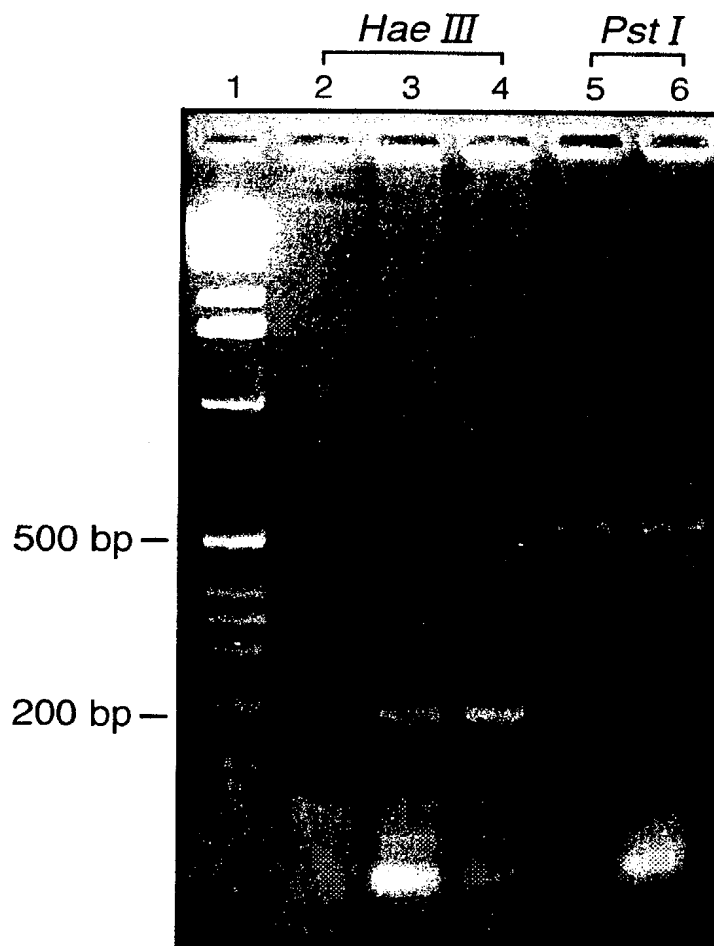


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FIGURE 12

A.



B.



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FIGURE 13 (P1)

1	ATGCGCTTCC	GCTTTGGGGT	GGTGGTGCCA	CCCGCCGTGG	CCGGCGCCCG
51	GCCGGAGCTG	CTGGTGGTGG	GGTCGCGGCC	CGAGCTGGGG	CGTTGGGAGC
101	CGCGCGGTGC	CGTCCGCCTG	AGGCCGGCCG	GCACCGCGGC	GGGCGACGGG
151	GCCCTGGCGC	TGCAGGAGCC	GGGCCTGTGG	CTCGGGGAGG	TGGAGCTGGC
201	GGCCGAGGAG	GCGGCGCAGG	ACGGGGCGGA	GCCGGGCCGC	GTGGACACGT
251	TCTGGTACAA	GTTCTGAAG	CGGGAGCCGG	GAGGAGAGCT	CTCCTGGGAA
301	GGCAATGGAC	CTCATCATGA	CCGTTGCTGT	ACTTACAATG	AAAACAACCT
351	GGTGGATGGT	GTGTATTGTC	TCCCAATAGG	ACACTGGATT	GAGGCCACTG
401	GGCACACCAA	TGAAATGAAG	CACACAACAG	ACTTCTATTT	TAATATTGCA
451	GGCCACCAAG	CCATGCATTA	TTCAAGAATT	CTACCAAATA	TCTGGCTGGG
501	TAGCTGCCCT	CGTCAGGTGG	AACATGTTAC	CATCAAACCTG	AAGCATGAAT
551	TGGGGATTAC	AGCTGTAATG	AATTTCCAGA	CTGAATGGGA	TATTGTACAG
601	AATTCCTCAG	GCTGTAACCG	CTACCCAGAG	CCCATGACTC	CAGACACTAT
651	GATTAAACTA	TATAGGGAAG	AAGGCTTGGC	CTACATCTGG	ATGCCAACAC
701	CAGATATGAG	CACCGAAGGC	CGAGTACAGA	TGCTGCCCCA	GGCGGTGTGC
751	CTGCTGCATG	CGCTGCTGGA	GAAGGGACAC	ATCGTGTACG	TGCACTGCAA
801	CGCTGGGGTG	GGCCGCTCCA	CCGCGGCTGT	CTGCGGCTGG	CTCCAGTATG
851	TGATGGGCTG	GAATCTGAGG	AAGGTGCAGT	ATTTCTCAT	GGCCAAGAGG
901	CCGGCTGTCT	ACATTGACGA	AGAGGCCTTG	GCCCGGGCAC	AAGAAGATTT
951	TTTCCAGAAA	TTTGGGAAGG	TTCGTTCTTC	TGTGTGTAGC	CTGTAGCTGG
1001	TCAGCCTGCT	TCTGCCCCCT	CCTGATTTCC	CTAAGGAGCC	TGGGATGATG
1051	TTGGTCAAAT	GACCTAGAAA	CAAGGATTCT	ACCTGAACTG	AAAGGACTGT
1101	GTGACCTCCC	CAAGCCAACC	ACTTTCACCT	GGGATGACTT	TCGATTATGC
1151	TTTGGTTTGG	GGCTGTATTT	TTGAAATACT	CTACAAGAAA	GCTGTGGCTC
1201	AACACATGAG	AAGAAGCACG	AAGCAGTTAG	GCTGTACATC	AGACAGAAGG
1251	GTAATGCGTG	CAGTTCCTGC	TGCCTGCAGG	CAGACGAGGC	CTTTGCTTTA
1301	CAGCACTGTA	TGTGTTGCAC	GATGGATCCG	TGACAGCACT	TTCTGTGTGC
1351	ACTGAAACTC	TTGGCCATGT	AGAGGAAAAG	ATATGGAGTT	ATGTGGATTT
1401	CATCACTAGT	ATGTGTGCCG	TGAGCTGGTC	AGTTGCCAAA	GGAGGAAATA
1451	AGGTTAGAAG	CCTGAACCGT	TACAAAAGAA	GAGCTCACTA	TGGTCAAAAA
1501	GTGATGGCTT	TCAGGACTTG	TTTTTTATCC	TGCCTCACAG	TTGTAAAGT
1551	CTGTTCCAAG	GCATCACCTT	CCTTCTCTAC	CCAACAACCC	TGTGTAACAA
1601	CTAAAGTAGA	ATTATCTCTC	ATTTGTTGGT	GGTTTTTCCT	CAAAATTACC
1651	AAACAAAGCA	AAAAATACCC	TTGTTTTTTA	TAGTTGAGAT	GTCAAGGAAG
1701	TTAAATTGAG	GCTTAATGAG	CATAGGTAGC	TTGTCCAAGG	TCTCATGACC
1751	AGTCAAGGGC	AAGCTGGAGT	TAATAATCTA	TATTTATTTG	ACTCAGCACT
1801	GTTTTCATCA	CAACTTGTTT	TCCCAGCATC	ATGTAGTGCA	TTTAGTTTTG

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FIGURE 13 (P2)

1851	TCTTTCTCAG	GGTATAGTCA	ATATGCCTGC	AGGAGTTTCT	ATAGCGAGAC
1901	ATAGAATAGT	ATTCTGATCA	GTTGCCAAAG	AATCTAGGAA	ATTAGTTGTA
1951	TTTTGTGCAA	GCTAATTTAA	AAACATGATG	GGCTGTTTTA	AGACCAGAGT
2001	GGAAATTCAT	GAGAGGAACT	ATACTACCAA	AAGAGCCCAA	ATGACCAAAT
2051	CCATGGATAA	TTGCTTCACA	GCCTTGCCCA	TCCTGGCTCA	GCTCTCAATT
2101	TAGTATAATA	TGCAGTTCCT	GTGCCTCCAG	ACTATGCAGC	TCATCACCCCT
2151	AGGTTCTACA	GGAAATACAG	AGATGAACAA	CTTTGCCTTC	AAAAAATGTG
2201	CTGCCTAGAA	AACAGACCTG	CATTTCAACC	CAACTGTAAT	GCAGGATTTG
2251	GACCATGAAT	GATATGCTAG	AATAGAAGAA	AGAGAAGTGT	TTTTTTAATT
2301	GAGAGCCTCT	ATGTGCAAGG	TGATATATAA	TCATATCCAG	TTTAATCTTC
2351	ACAATATCCA	ATGAAGAAGG	TCTCATTATC	TCCATGATAA	AGATGGGGAA
2401	ACTAAGGTCA	GAAGGGTTAA	CTCAACTGTC	TATTGTCACA	TGATGAATAA
2451	ATAGATGAAG	TGAGATACAA	AGCTGGGTTT	GATTCAAAGC	CCTTACTTTC
2501	CTAATTAAAC	TATGATGCGT	ATTTATTTTT	CTGCACCTTC	CTTTCTTCCA
2551	CAAACACATA	TTGATAGATG	CAAGAGACTC	TTATTTATAA	GGCGTGGGGG
2601	ACAAGAAGGA	TACAAGGTAA	GTTTCAGTGG	AGCTCAGAGG	ACGGGGAGAT
2651	AGAACTGTGG	CACTTAGGGG	AGATGACATT	TGCTTTGGGC	AGAGGCAGCT
2701	AGCCAGGACA	CATTTCCACT	ATAATTTTAC	AAAGTTAAAT	TTATAAGCTA
2751	GCATTAAGTA	AAGTGAAGTC	CAGCTCCCTT	GCTAAAAATA	ACTAGAGGTA
2801	ATAATTGGTA	TTCAGGTAAC	TCATTTACAG	TCATAATGTG	TTGTGAAAAT
2851	TTAATCTTAA	AAATTAAATT	TTTAAACTAT	GTGGGTCTGT	GAATTTCTTT
2901	AATGTCTAAG	AAATCCAGCT	TCATAATTTT	CATGATACAA	AGATCTTTTT
2951	TCAGGTGGAT	TTTTACCTTT	GTTCTTTTGT	CTCTGATAGA	CAAAATCAGT
3001	TTAGGACTAT	TAAAGAATGT	TTTGGAATAA	ACTGTCTTTT	TCCTCAATGA
3051	ATGGGATGTC	TAATGTATTT	CAAAATCACC	CAAAACTTTT	GGCAAATAAA
3101	AGCATTTAAA	AAGAAAAAAA	AAAAAAA		

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GNGPHHDCCTYNENNLVDGVYCLPIGHWIEATGHTNEMKHTTDFYFNIA
GHQAMHYSRILPNIWLGSCPRQVEHVTIK LKHELGITAVMNFQTEWDIVQ
NSSGCNRYPEPMTPTDTMIKLYREEGLAYIWMPTPDMSTEGRVQMLPQAVC
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[illegible]